

FIGURE 1

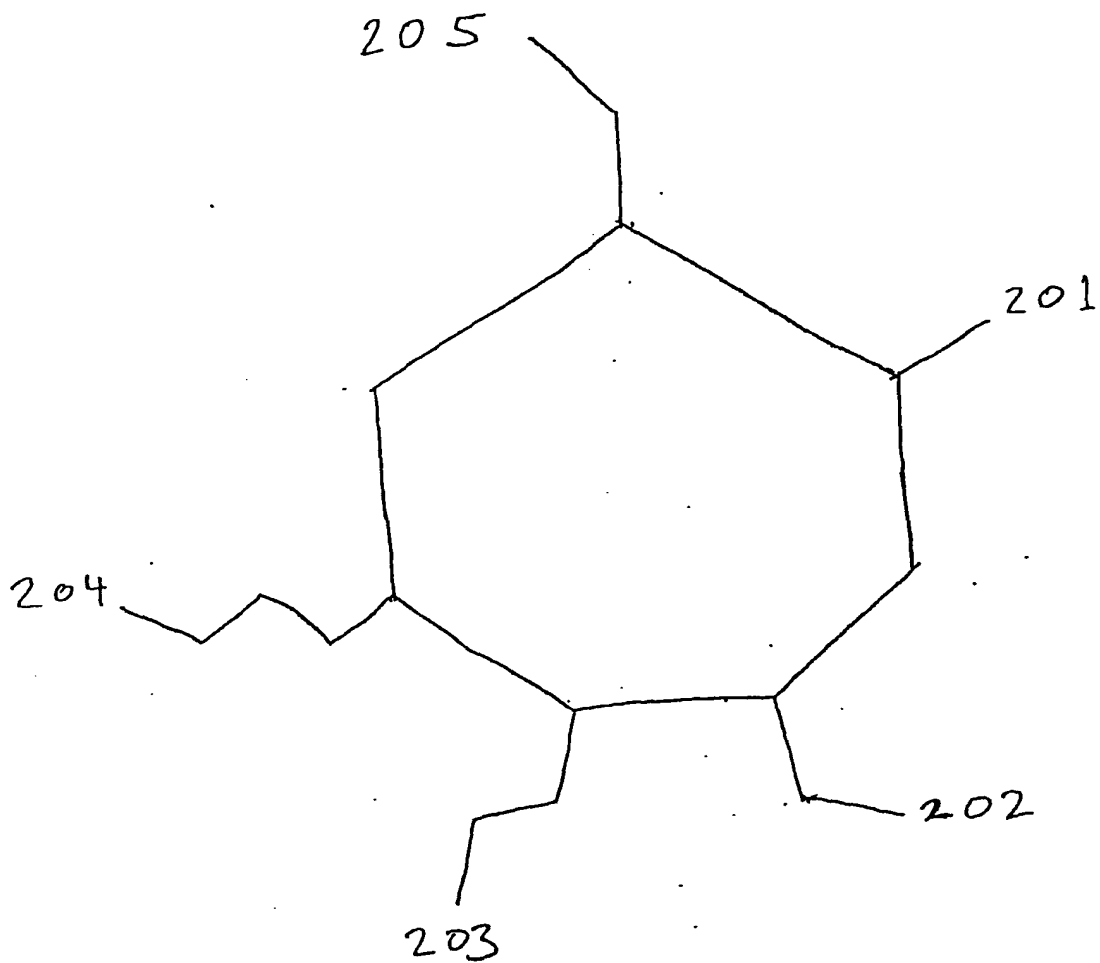


Figure 2

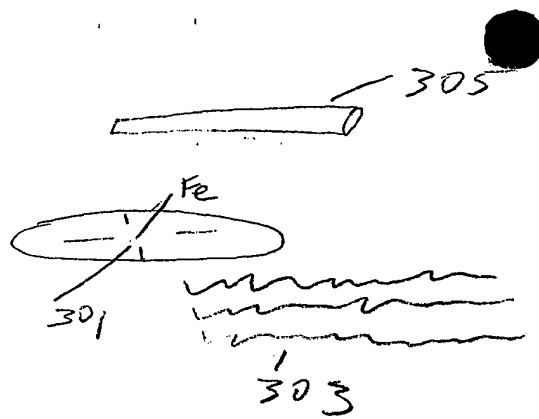


FIGURE 3A

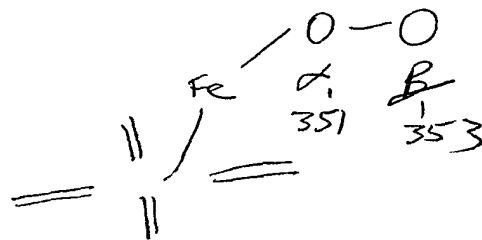


FIGURE 3B

0954726 091201

0944550 0944550 0944550

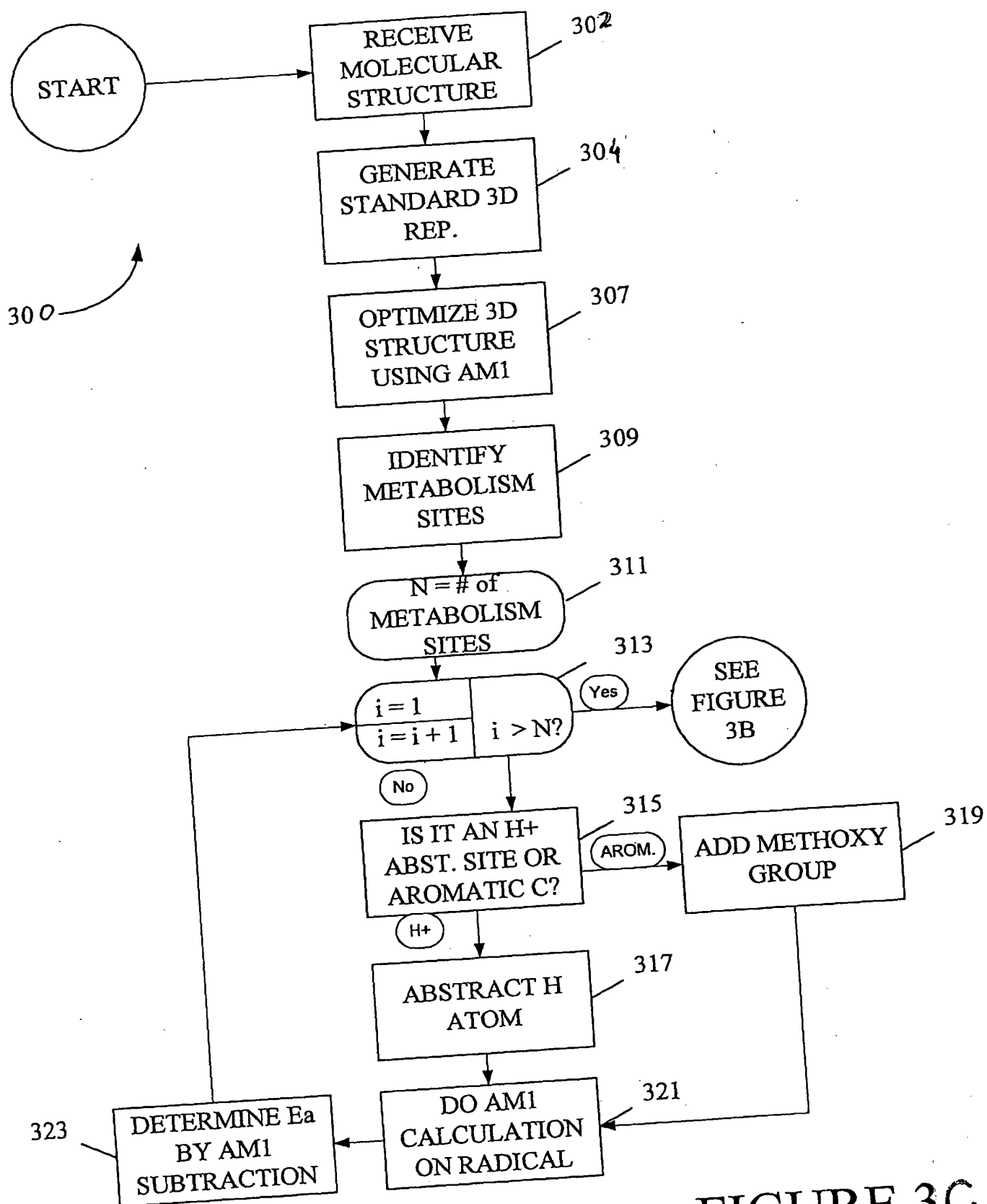


FIGURE 3C

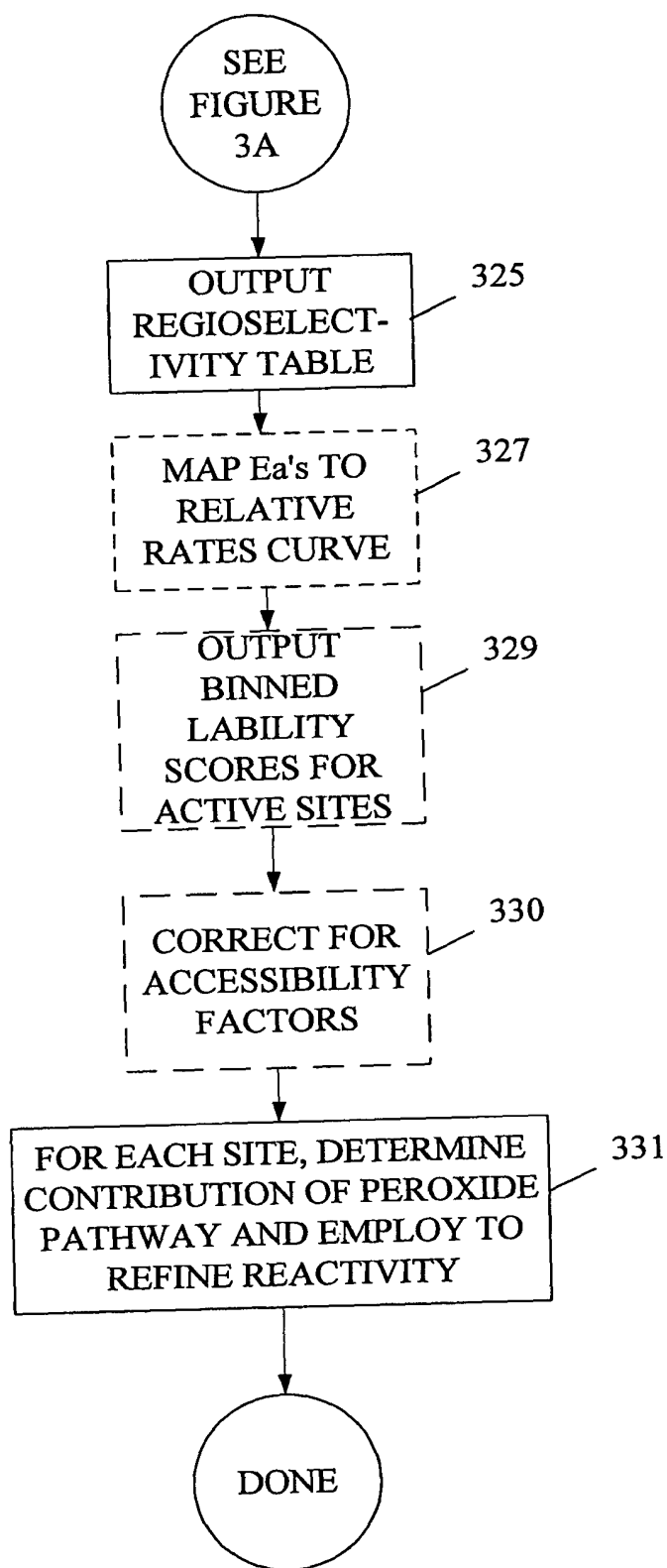


FIGURE 3D

0934726.031204
102760.924660

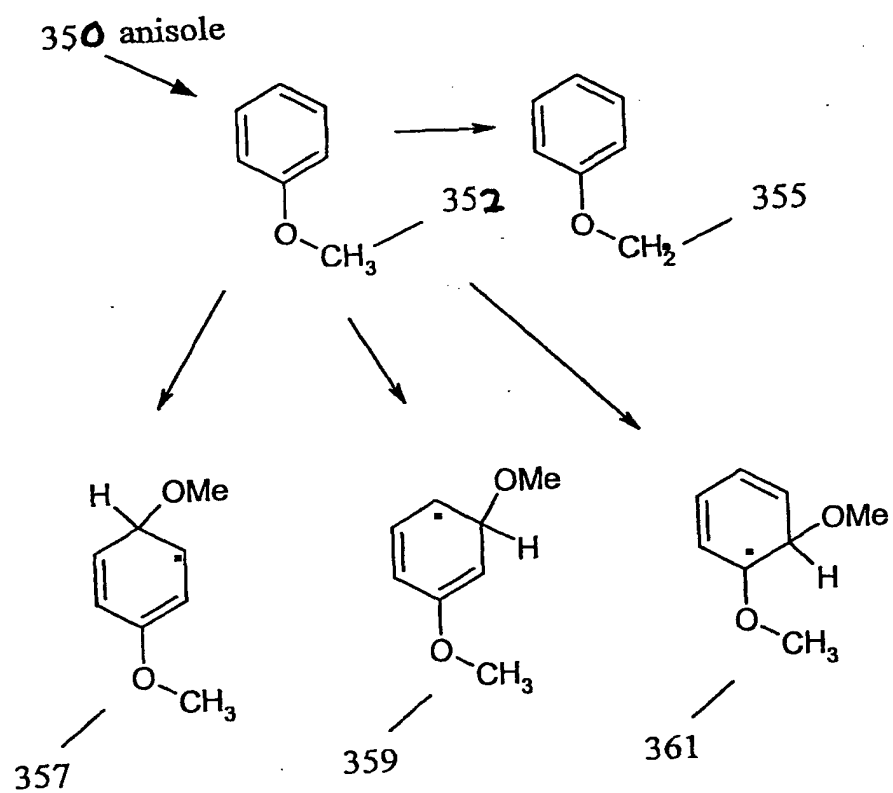


FIGURE 3E

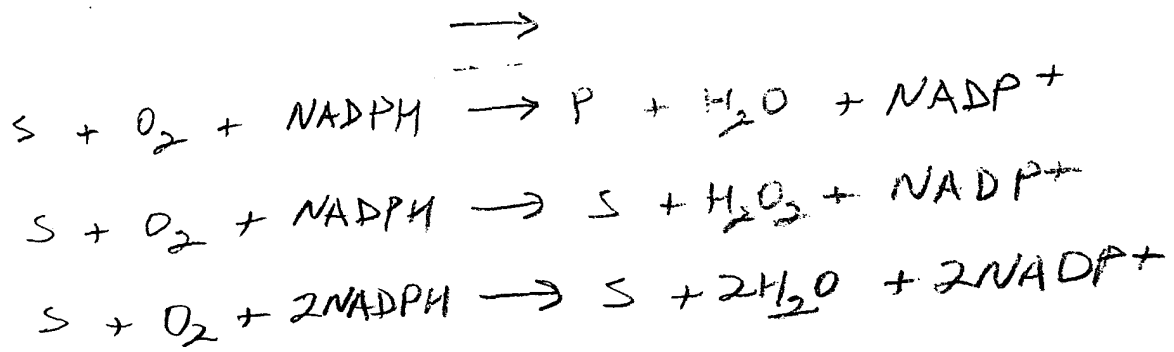


FIG. 4A

	O_2	NADPH	H_2O_2
product formation	1	1	0
peroxide decoupling	1	1	1
water decoupling	1	2	0

FIG. 4B

[NADPH]

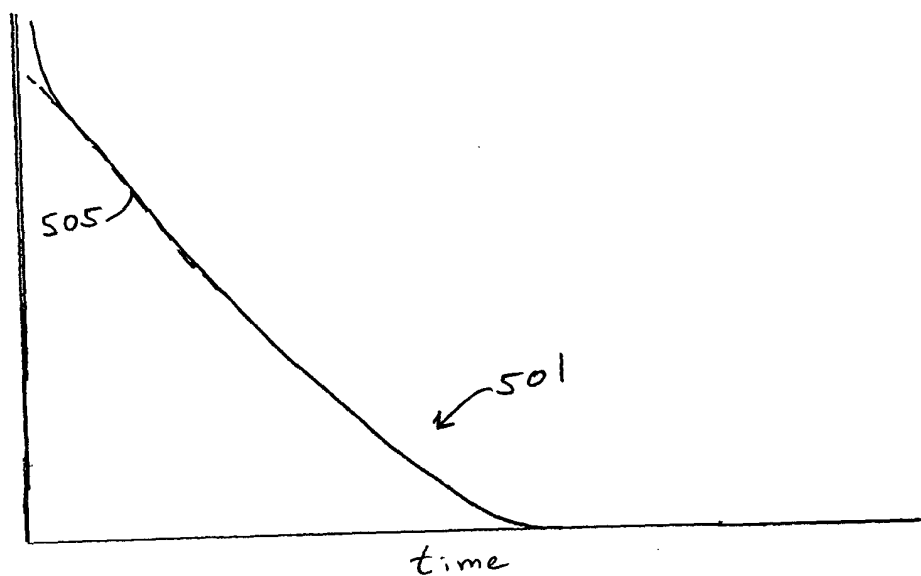


Figure 5A

[O₂]

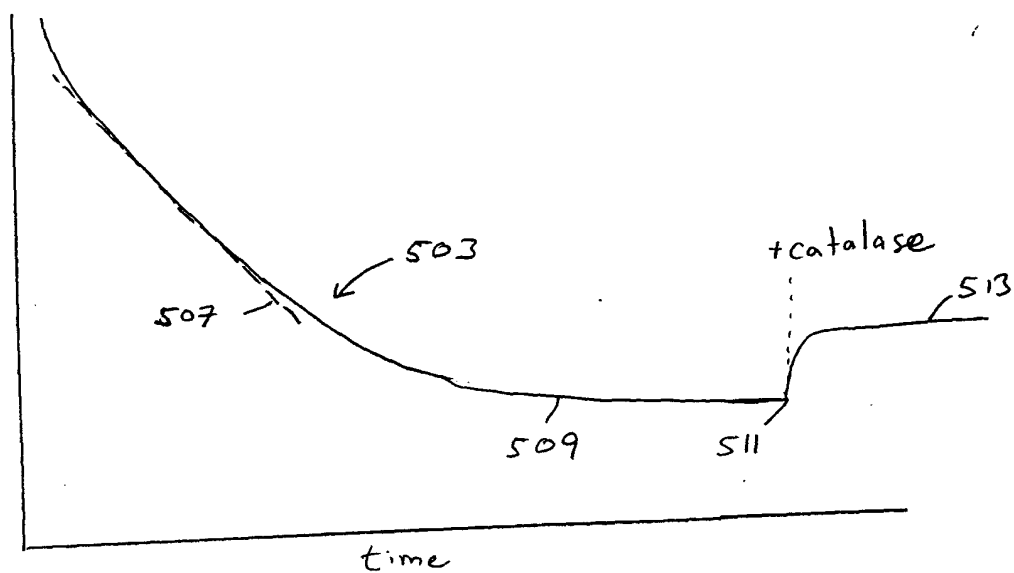


Figure 5B

09934726.091201

09472603101
[O₂]
[NADPH]

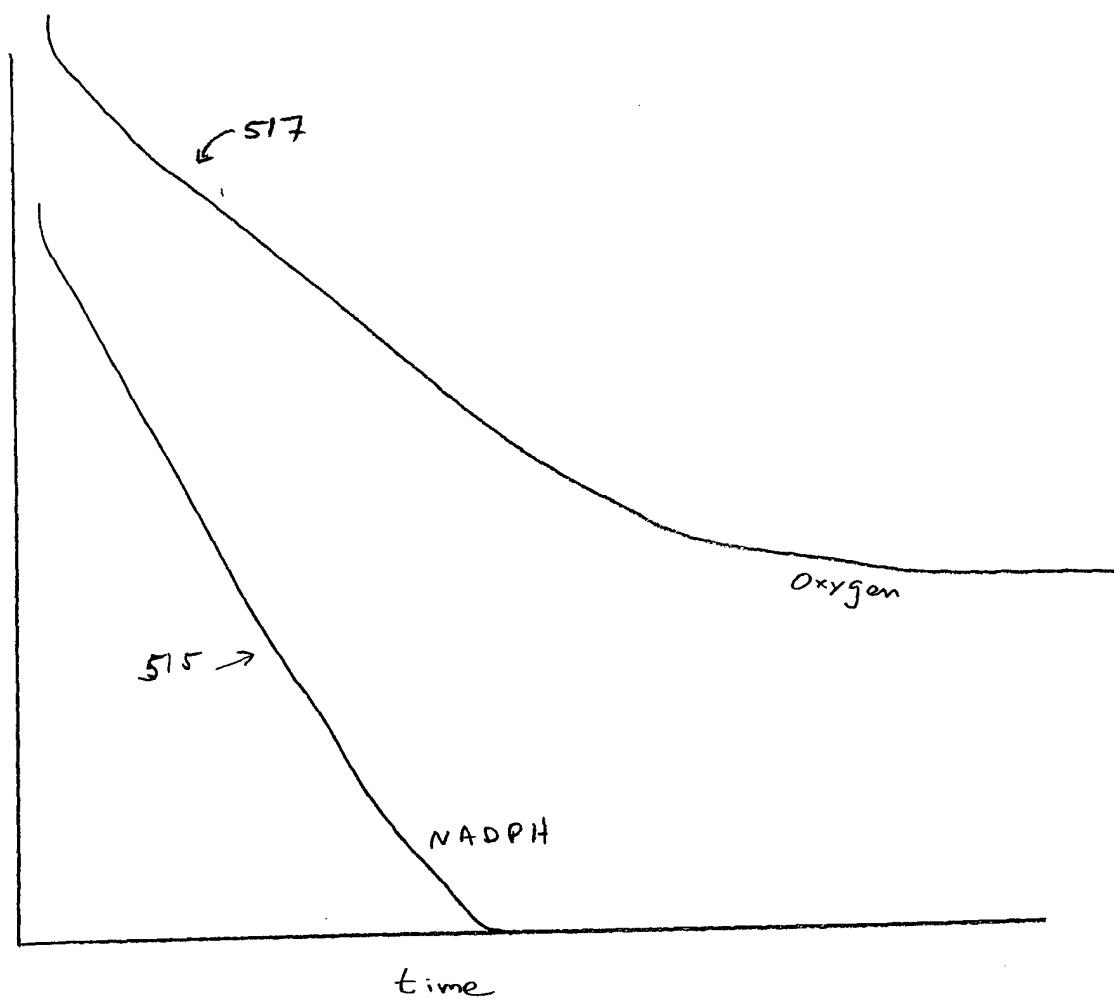


Figure 5C

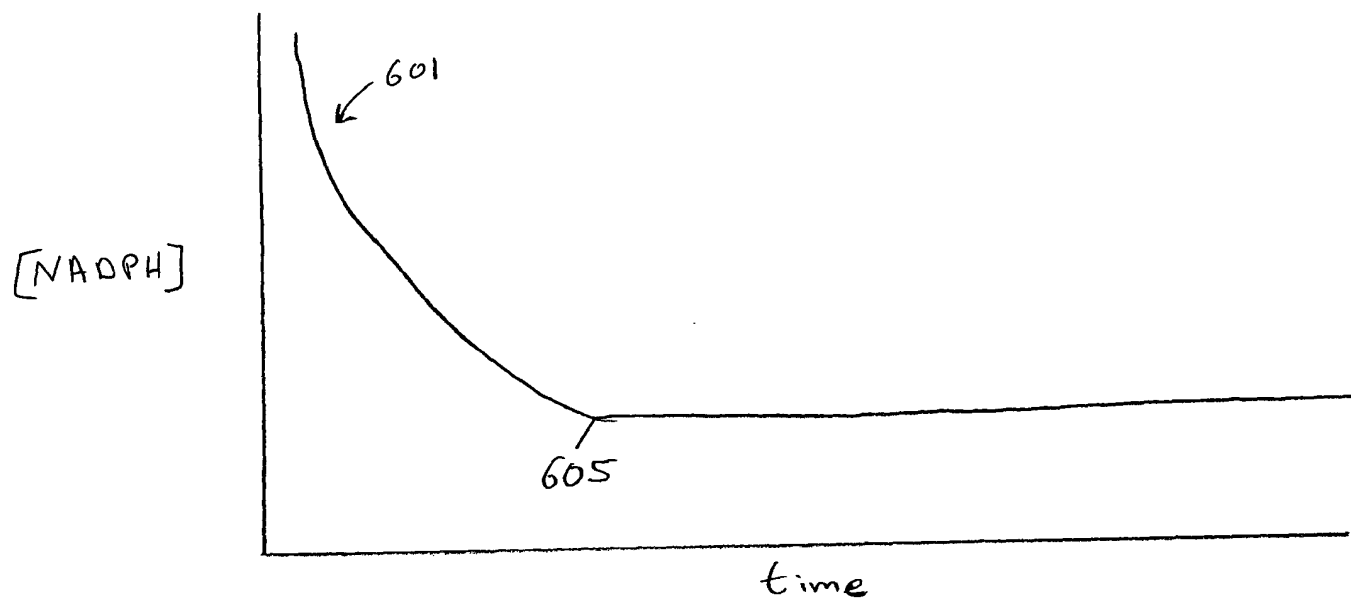


Figure 6A

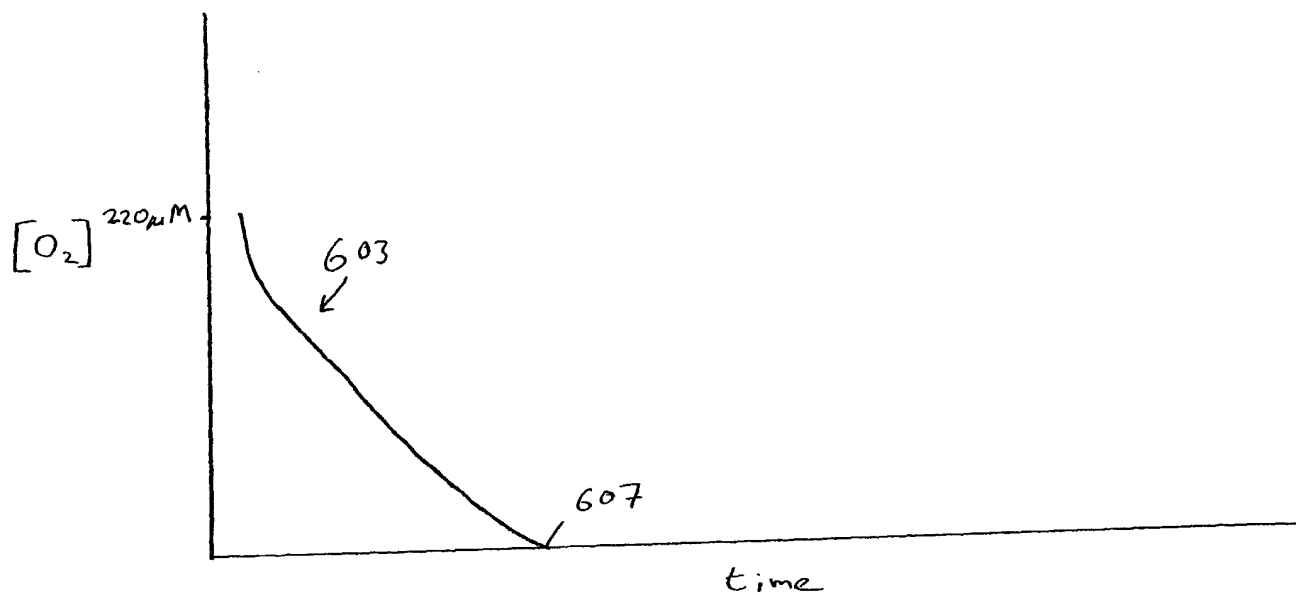


Figure 6B

[NADPH]

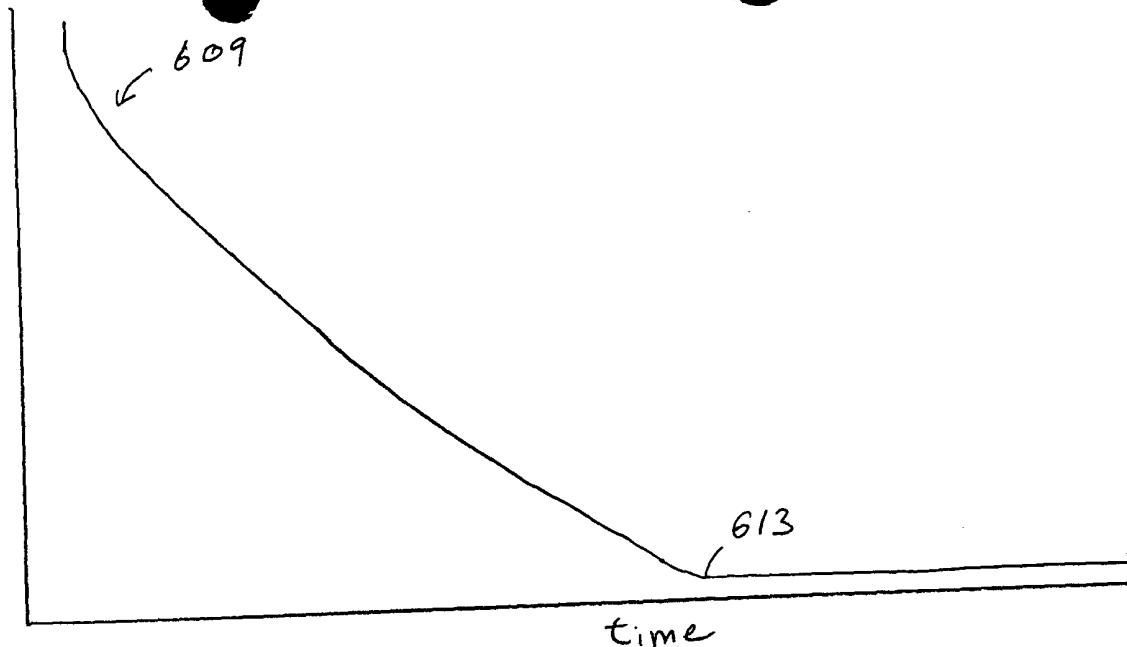


Figure 6C

[O₂]

220 μ M

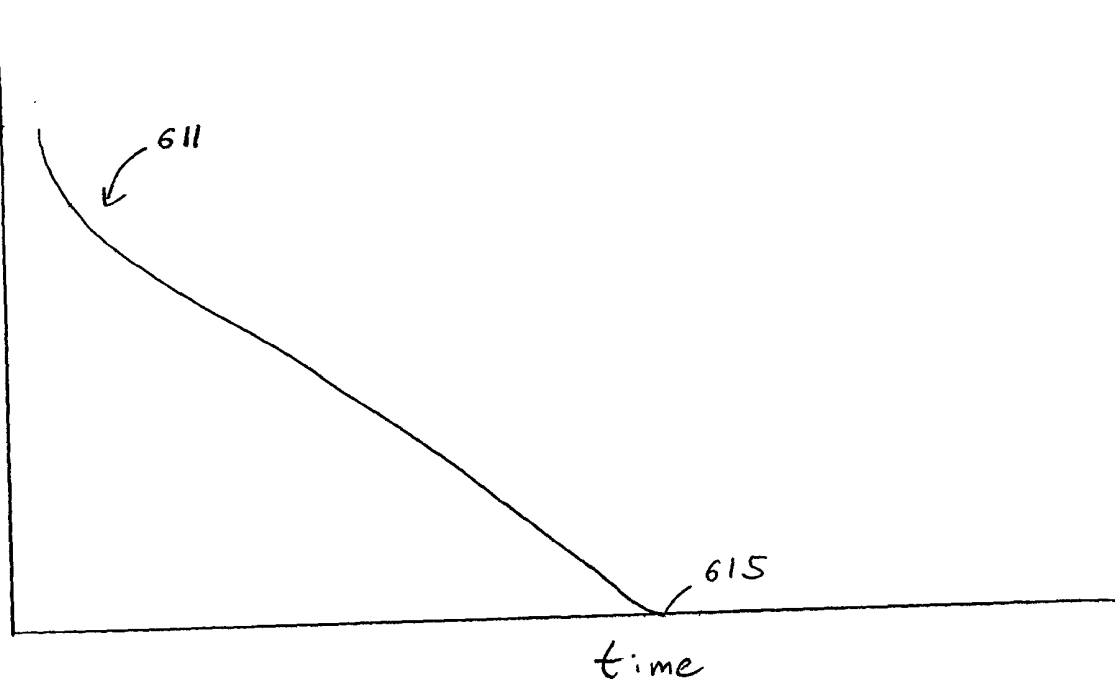


Figure 6D

0954726.091201

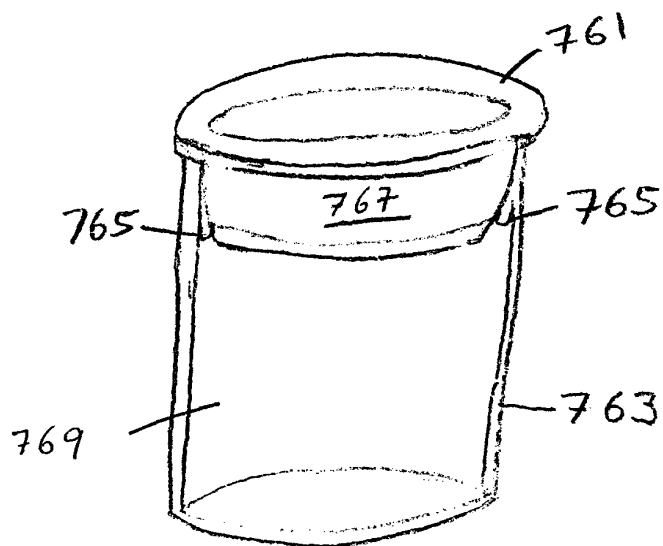
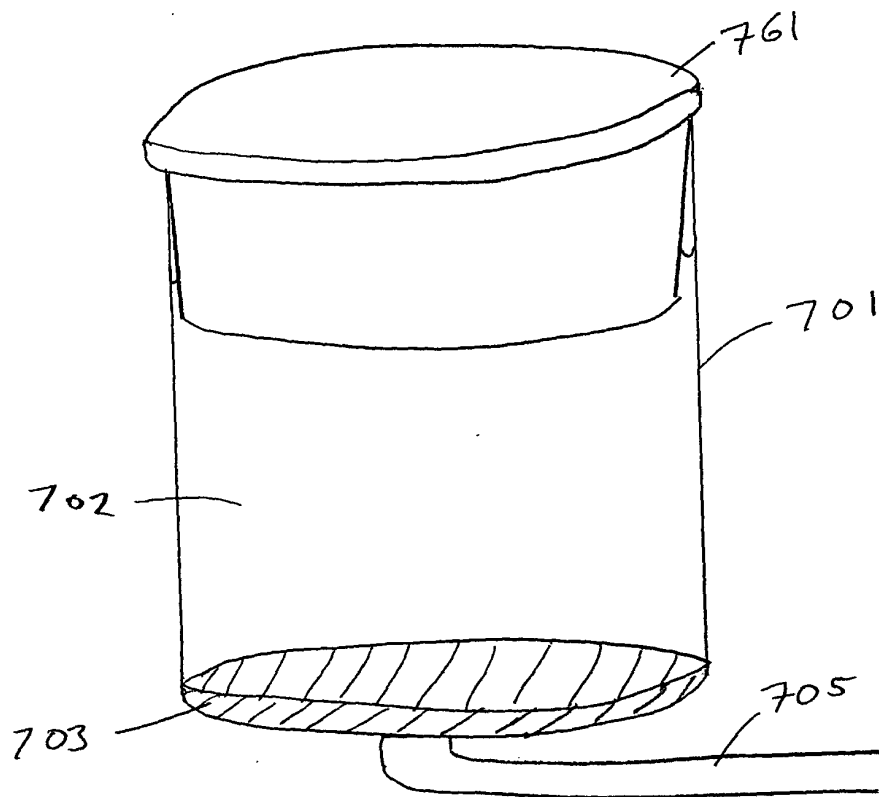


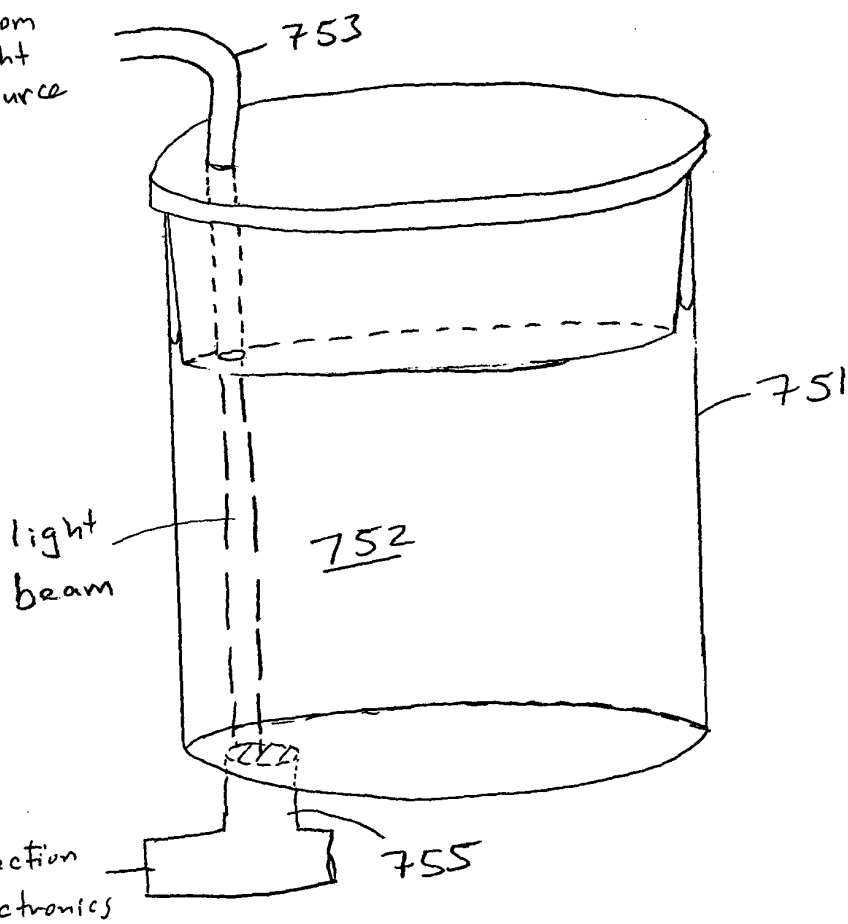
Figure 7A



To Detection Electronics

FIG. 7B

From Light Source



To Detection Electronics

FIG. 7C

0954726-091201

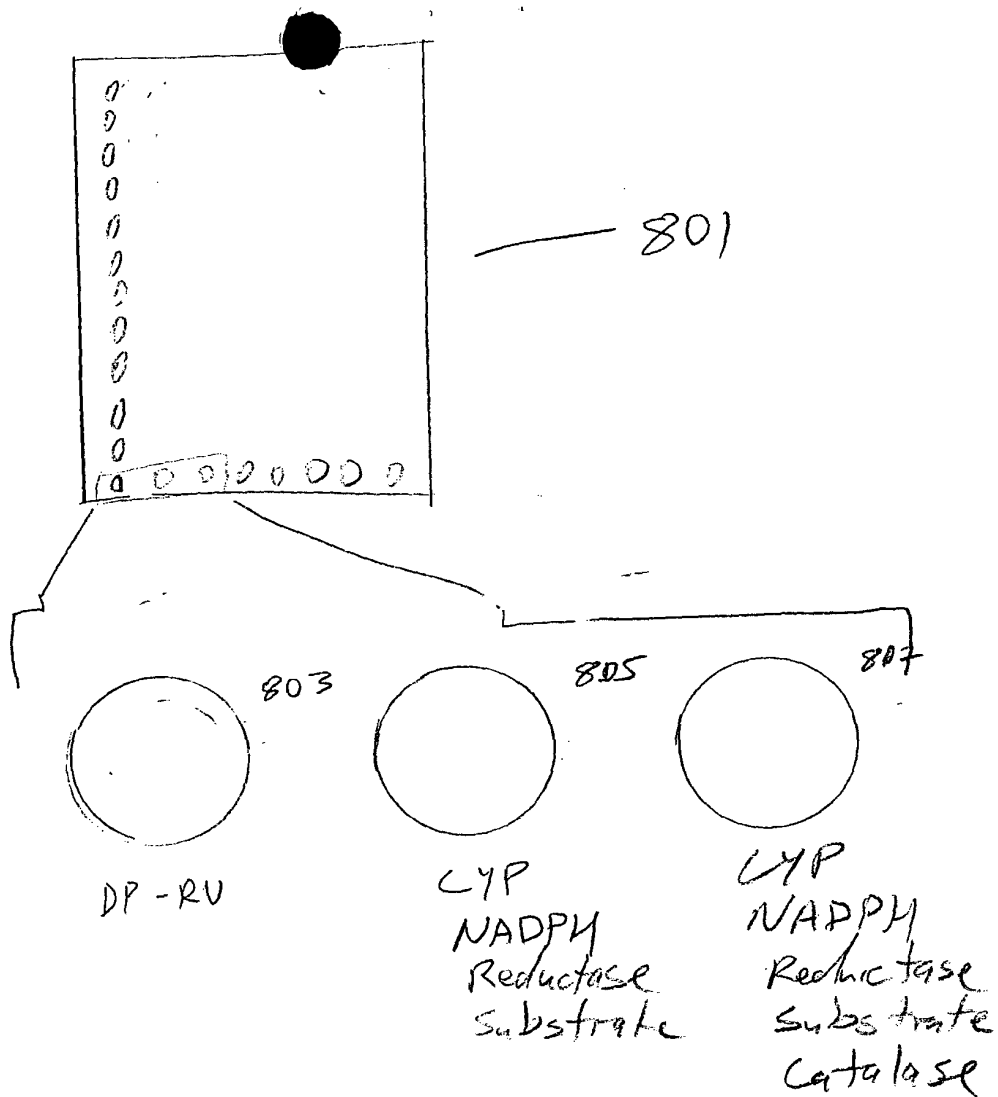


FIG. 8

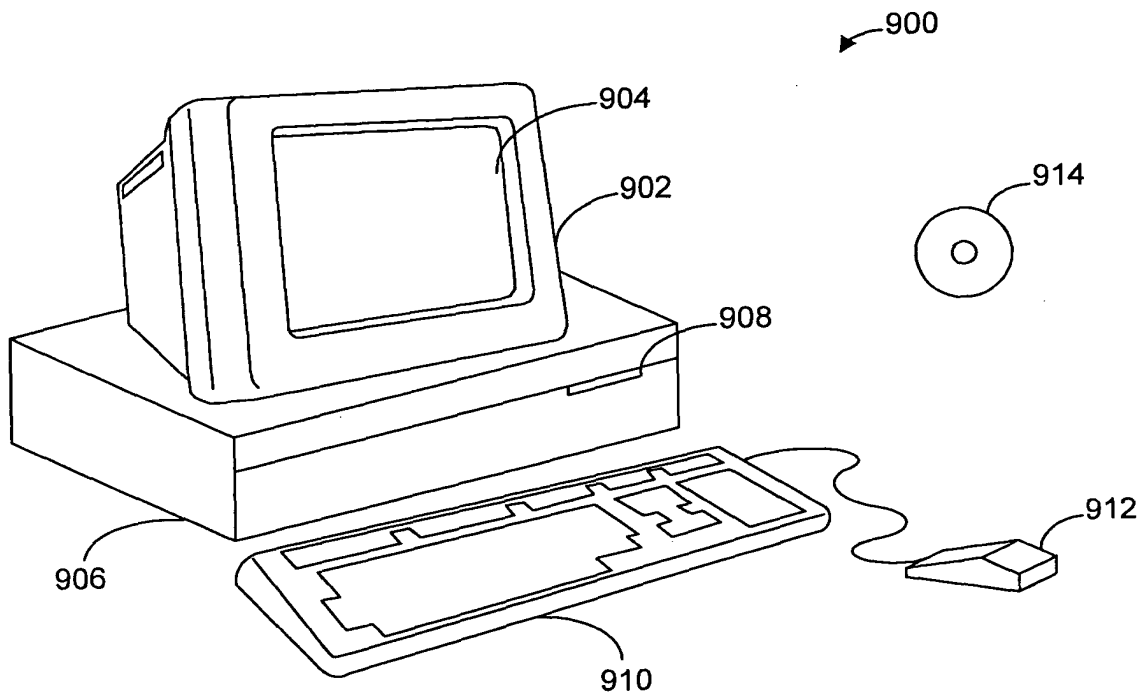


Figure 9A

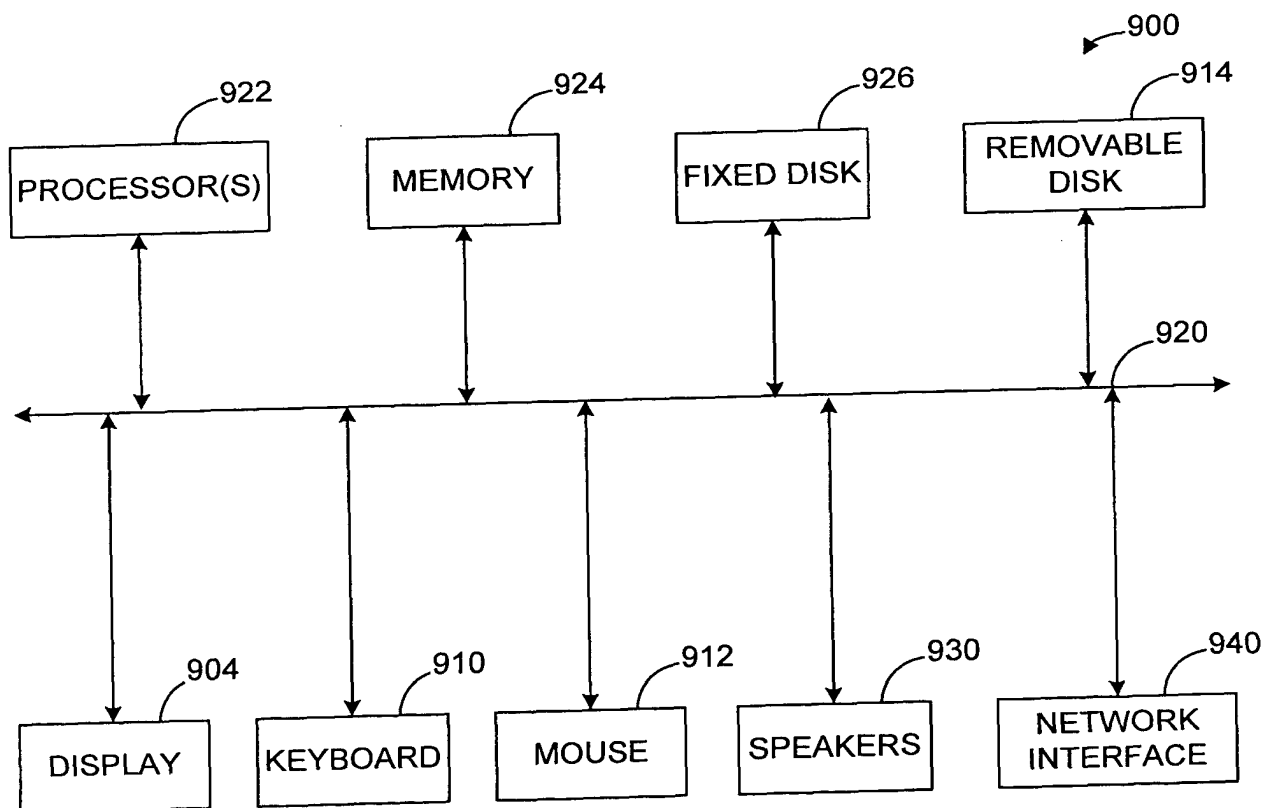


Figure 9B

The diagram illustrates a system for analyzing therapeutic compounds, labeled 1000. It consists of the following components and data flows:

- Client Site at Drug Discovery Enterprise (1002):** The top component, which sends and receives data.
- Internet (1004):** A central cloud representing the network.
- Server (1006):** The bottom component, which contains a model for analyzing therapeutic compounds.
- Model for analyzing therapeutic compounds (1012):** A sub-component of the server used for analysis.

Data Flows:

- Therapeutic compounds (1008):** Sent from the Client Site (1002) to the Internet (1004) and from the Internet (1004) to the Server (1006).
- Metabolism data and possibly redesigned compounds (1010):** Sent from the Internet (1004) to the Client Site (1002) and from the Server (1006) to the Internet (1004).

FIGURE 10